

Thesaurus

**Main Entry: rec·og·nize**

**Pronunciation:** 're-kig-"nIz, -k&g-

**Function:** *transitive verb*

**Inflected Form(s):** -nized; -niz·ing

**Etymology:** modification of Middle French *reconoiss-*, stem of *reconoistre*, from Latin *recognoscere*, from *re-* + *cognoscere* to know -- more at COGNITION

**Date:** circa 1532

**1** : to acknowledge formally: as **a** : to admit as being lord or sovereign **b** : to admit as being of a particular status **c** : to admit as being one entitled to be heard : give the floor to **d** : to acknowledge the de facto existence or the independence of

**2** : to acknowledge or take notice of in some definite way: as **a** : to acknowledge with a show of appreciation <*recognize* an act of bravery with the award of a medal> **b** : to acknowledge acquaintance with <*recognize* a neighbor with a nod>

**3 a** : to perceive to be something or someone previously known <*recognized* the word> **b** : to perceive clearly : **REALIZE**

- **rec·og·niz·abil·i·ty** /"re-kig-"nI-z&-'bi-l&-tE, -k&g-/ *noun*

- **rec·og·niz·able** /'re-k&g-"nI-z&-b&l, -kig-/ *adjective*

- **rec·og·niz·ably** /-blE/ *adverb*

- **rec·og·niz·er** *noun*

### Dictionary Pronunciation Key

- |                                |                        |                        |
|--------------------------------|------------------------|------------------------|
| • \&\ as a and u in abut       | • \e\ as e in bet      | • \o\ as aw in law     |
| • \[^&]\ as e in kitten        | • \E\ as ea in easy    | • \oi\ as oy in boy    |
| • \&r\ as ur and er in further | • \g\ as g in go       | • \th\ as th in thin   |
| • \a\ as a in ash              | • \i\ as i in hit      | • \[th_]\ as th in the |
| • \A\ as a in ace              | • \I\ as i in ice      | • \u\ as oo in loot    |
| • \ä\ as o in mop              | • \j\ as j in job      | • \u\ as oo in foot    |
| • \au\ as ou in out            | • \[ng]\ as ng in sing | • \y\ as y in yet      |
| • \ch\ as ch in chin           | • \O\ as o in go       | • \zh\ as si in vision |

CAMPYLOBACTER JEJUNI ANTIGENS, AND METHODS FOR THEIR PRODUCTION AND USE  
ANTIGENES DE CAMPYLOBACTER JEJUNI, LEURS PROCEDES DE PRODUCTION ET LEUR

UTILISATION

Patent Applicant/Assignee:

ENTERIC RESEARCH LABORATORIES INC

Inventor(s):

BLASER Martin J

PEI Zhiheng

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UTILISATION

Inventor(s):

BLASER Martin J

PEI Zhiheng

Fulltext Availability:

Detailed Description

Claims

English Abstract

The present invention provides an isolated nucleic acid encoding an approximately 26 kilodalton antigen, PEB1A, of **Campylobacter** jejuni, or an antigenic fragment thereof, wherein the antigen is associated with diarrheal disease. The present invention also provides methods of detecting the presence of a **Campylobacter** jejuni strain possessing the PEB1A antigen in a subject. Vaccines and treatment for C. jejuni...

Japanese Abstract

*updated search*

Identification of the outer membrane proteins of *Campylobacter pyloridis* and antigenic cross-reactivity between *C. pyloridis* and *C. jejuni*.

Newell DG

Experimental Pathology Laboratory, PHLS Centre for Applied Microbiology and Research, Salisbury, UK.

Journal of general microbiology (ENGLAND) Jan 1987, 133 ( Pt 1) p163-70, ISSN 0022-1287 Journal Code: I87

Languages: ENGLISH

Document type: Journal Article

Record type: Completed

Subfile: INDEX MEDICUS

Inactivation of *Campylobacter jejuni* flagellin genes by homologous recombination demonstrates that *flaA* but not *flaB* is required for invasion.

Wassenaar TM ; Bleumink-Pluym NM; van der Zeijst BA

Department of Bacteriology, School of Veterinary Medicine, University of Utrecht, The Netherlands.

EMBO journal (ENGLAND) Aug 1991, 10 (8) p2055-61, ISSN 0261-4189

Journal Code: EMB

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The role of the *Campylobacter jejuni* flagella in adhesion to, and penetration into, eukaryotic cells was investigated. We used homologous recombination to inactivate the two flagellin genes *flaA* and *flaB* of *C. jejuni*, respectively. Mutants in which *flaB* but not *flaA* is inactivated remain motile. In contrast a defective *flaA* gene leads to immotile bacteria. Invasion studies showed that mutants without motile flagella have lost their potential to adhere to, and penetrate into, human intestinal cells in vitro. Invasive properties could be partially restored by centrifugation of the mutants onto the tissue culture cells, indicating that motility is a major, but not the only, factor involved in invasion.

Tags: Support, Non-U.S. Gov't